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Electronic Patent Application Submission  
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EFS ID: 63258  
Application ID: 10751722  
Title of Invention: Biasing Arrangement for a Pawl  
of a Reversible Ratchet-Type  
Wrench  
First Named Inventor: Bobby Hu  
Domestic/Foreign Application: Domestic Application  
Filing Date: 2004-01-05  
Effective Receipt Date: 2004-06-24  
Submission Type: Information Disclosure  
Statement  
Filing Type:  
Confirmation number: 2253  
Attorney Docket Number: 218600500




Total Fees Authorized:

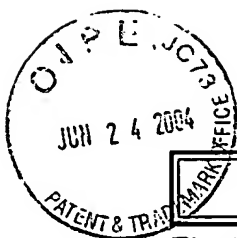
Digital Certificate Holder: cn=Derek V. Forinash,ou=Registered Attorneys,ou=Patent and  
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**TRANSMITTAL**

Electronic Version v1.1

Stylesheet Version v1.1.0

|  |   |                       |                                  |                    |                       |   |                     |            |  |            |
|--|---|-----------------------|----------------------------------|--------------------|-----------------------|---|---------------------|------------|--|------------|
| <b>Title of<br/>Invention</b>  | <b>Biasing Arrangement for a Pawl of a Reversible Ratchet-Type<br/>Wrench</b> |                       |                                  |                    |                       |   |                     |            |  |            |
| Application Number: 10/751722    |   |                       |                                  |                    |                       |   |                     |            |  |            |
| Date: 2004-01-   |   |                       |                                  |                    |                       |   |                     |            |  |            |
| First Named Applicant: Bobby Hu  |   |                       |                                  |                    |                       |   |                     |            |  |            |
| Confirmation Number: 2253  |   |                       |                                  |                    |                       |   |                     |            |  |            |
| Attorney Docket Number: 218600500  |   |                       |                                  |                    |                       |   |                     |            |  |            |
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| <table border="1"><tr><td><b>Submitted by:</b></td><td><b>Elec. Sign.</b></td><td><b>Sign. Capacity</b></td></tr><tr><td>Derek V. Forinash<br/>Registered Number: 47231</td><td>/Derek V. Forinash/</td><td>Attorney</td></tr></table>   |   |                       | <b>Submitted by:</b>             | <b>Elec. Sign.</b> | <b>Sign. Capacity</b> | Derek V. Forinash<br>Registered Number: 47231 | /Derek V. Forinash/ | Attorney   |  |            |
| <b>Submitted by:</b>   | <b>Elec. Sign.</b>  | <b>Sign. Capacity</b> |                                  |                    |                       |   |                     |            |  |            |
| Derek V. Forinash<br>Registered Number: 47231  | /Derek V. Forinash/   | Attorney              |                                  |                    |                       |   |                     |            |  |            |
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| <b>Comments</b>  |   |                       |                                  |                    |                       |   |                     |            |  |            |



## ELECTRONIC INFORMATION DISCLOSURE STATEMENT

Electronic Version v18

Stylesheet Version v18.0

| Title of<br>Invention  | Biasing Arrangement for a Pawl of a Reversible Ratchet-<br>Type Wrench   |
|--|--|
| <p>Application Number:</p> <p>Confirmation Number:</p> <p>First Named Applicant:</p> <p>Attorney Docket Number:</p> <p>Art Unit:</p> <p>Search string:</p> | <p>10/751722</p> <p>2253</p> <p>Bobby Hu</p> <p>218600500</p> <p>3728</p> <p>( 00015482 or 0726012 or 0810599 or 0841686<br/>or 0878657 or 0893097 or 0915446 or 1033358<br/>or 1090578 or 1194471 or 1261092 or 1382492<br/>or 1426127 or 1614039 or 1639078 or 1680515<br/>or 1957462 or 2193984 or 2201705 or 2201827<br/>or 2317461 or 2542241 or 2657604 or 2701977<br/>or 2764048 or 2769360 or 2800821 or 2891434<br/>or 2957377 or 2978081 or 3019682 or 3044591<br/>or 3233481 or 3250157 or 3265171 or 3337014<br/>or 3342229 or 3393587 or 3393780 or 3436992<br/>or 3577816 or 3606940 or 3713356 or 3742788<br/>or 3783703 or 3838614 or 3866492 or 3908487<br/>or 3970155 or 4053037 or 4070932 or 4111077<br/>or 4128025 or 4147076 or 4257507 or 4274311<br/>or 4277989 or 4277990 or 4308769 or 4328720<br/>or 4336728 or 4406186 or 4420995 or 4485700<br/>or 4488460 or 4512218 or 4520697 or 4631988<br/>or 4662251 or 4709600 or 4722252 or 4722253<br/>or 4762033 or 4770072 or 4777852 or 4796492<br/>or 4807500 or 4862775 or 4869138 or 4903554<br/>or 4924737 or 4934220 or 4986147 or 4991468<br/>or 5012705 or 5076121 or 5144869 or 5157994<br/>or 5178047 or 5199330 or 5199335 or 5230262<br/>or 5231903 or 5233891 or 5271300 or 5295422<br/>or 5347892 or 5392672 or 5404773 or 5425291<br/>or 5448931 or 5467672 or 5477757 or 5495783<br/>or 5499560 or 5501124 or 5509333 or 5522288<br/>or 5533427 or 5535646 or 5557994 or 5582081<br/>or 5595095 or 5626061 or 5626062 or 5636557<br/>or 5669875 or 5709137 or 5782147 or 5794496<br/>or 5829326 or 5842391 or 5857390 or 5873286<br/>or 5878635 or 5884537 or 5884538 or 5887493<br/>or 5901620 or 5910197 or 5911798 or 5913954</p> |





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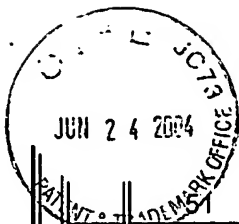
## US Patent Documents

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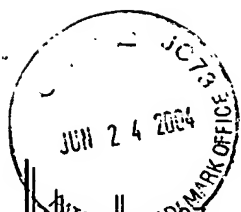
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|      | 4        | 0841686    | 1907-01-22 | Hatfield  |      |       |          |
|      | 5        | 0878657    | 1908-02-11 | Munch     |      |       |          |
|      | 6        | 0893097    | 1908-07-14 | Reams     |      |       |          |
|      | 7        | 0915446    | 1909-03-16 | Kearnes   |      |       |          |
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|      | 9        | 1090578    | 1914-03-17 | Smythe    |      |       |          |
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|      | 13       | 1426127    | 1922-08-15 | Tuttle    |      |       |          |
|      | 14       | 1614039    | 1927-01-11 | Mandl     |      |       |          |
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|  | 58 | 4277990 | 1981-07-14 | Hall            |
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|  | 61 | 4336728 | 1982-06-29 | Diebert         |
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|  | 115 | 5626062 | 1997-05-06 | Colvin           |
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|  | 128 | 5887493 | 1999-03-30 | Main              |
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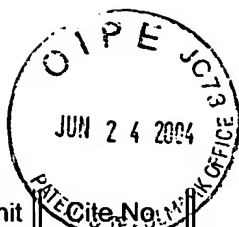




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|  | 166 | 6334373 | 2002-01-01 | Hsieh            |
|  | 167 | 6431031 | 2002-08-13 | Hu               |
|  | 168 | 6435062 | 2002-08-20 | McCann           |
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|  | 189 | 6520051 | 2003-02-18 | Hu               |
|  | 190 | 3296496 | 1996-08-30 | Kilness          |

## US Published Applications

Note: Applicant is not required to submit a paper copy of cited US Published Applications



| init | Cite No. | Pub. No.    | Date       | Applicant   | Kind | Class | Subclass |
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|      | 1        | 20010035074 | 2001-11-01 | Hu          |      |       |          |
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|      | 16       | 20030012614 | 2003-01-16 | Hu          |      |       |          |
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## Remarks

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## Signature

|               |      |
|---------------|------|
| Examiner Name | Date |
|               |      |